

EXECUTIVE SUMMARY

Mine Name: Iron Mountain
Operator: U.S. Steel Corporation
Provo, Utah 84603
Telephone: (801) 465-2532
Contact Person: Roy Benson
Life of Mine: 3 Years
Legal Description: Section 2, Township 37S, Range 14 West,
Section 35, Township 36S, Range 14 West
Mineral(s) to be Mined: Iron Ores
Mining Methods: Surface
Acres to be Disturbed: 12 Acres
Present Land Use: Disturbed Area, Old Lowgrade Stockpile
Postmining Land Use: Wildlife
Variances from Reclamation Standards (Rule M-10) Granted: None

Soils and Geology:

Soil Description: Site is disturbed consisting of an old lowgrade stockpile.
pH: _____
Special Handling Problems: None known
Geology Description: Hematite and Magnetite Ores (Metasomatic Replacements)

Hydrology:

Ground Water Description: Groundwater from an abandoned pit will be used in a wet magnetic separating process. This is a no-discharge system.
Surface Water Description: No surface water drainages intersect the permit area.
Water Monitoring Plan: None; a no-discharge operation is proposed.

Ecology:

Vegetation Type(s); Dominant Species: Sagebrush in surrounding area; mine site is currently disturbed.
Percent Surrounding Vegetative Cover: Estimated 14% natural vegetation cover.
Wildlife Concerns: None; small site near disturbed area.
Surface Facilities: Concrete bulkhead with all other facilities being portable.

Mining and Reclamation Plan Summary: (See attached)

Surety:

Amount: \$59,217
Form: _____
Renewable Term: _____

0800R-69

Iron Mountain Mine Operations and Reclamation Summary

During Operations:

- (1) An existing low-grade iron ore dump will be crushed, screened and separated.
- (2) Approximately 12 acres will be utilized over the 3-year life of the operation.

Following Operations:

- (1) The reject waste pile will be sloped to less than a 40° angle.
- (2) The disturbed area will be scarified and seeded.
- (3) All roads except those currently needed for access to private property will be scarified and seeded.